

**AMENDMENTS TO THE CLAIMS**

We claim:

1. (Currently amended) A process for preparing impact-modified polystyrene ~~which has a melt volume flow ratio MVR of at least 8 cm<sup>3</sup>/10 min, measured to EN ISO 1133 at a test temperature of 200°C with a nominal load of 5 kg, by comprising~~ anionic polymerization of styrene in the presence of a styrene-butadiene block copolymer, ~~wherein: the process comprises using use is made of~~ an organyl alkali metal compound as an anionic polymerization initiator, and ~~of~~ an organyl aluminum compound as a retarder; and the impact-modified polystyrene has a melt volume flow ratio MVR of at least 8 cm<sup>3</sup>/10 min, measured to EN ISO 1133 at a test temperature of 200°C with a nominal load of 5 kg.
2. (Currently Amended) ~~A process as claimed in The process according to claim 1, where sec-butyllithium is used as~~ an anionic polymerization initiator.
3. (Currently Amended) ~~A process as claimed in claim 1 or 2 The process according to claim 1, where triisobutylaluminum (TIBA) is used as~~ a retarder.
4. (Currently Amended) ~~A process as claimed in any of claims 1 to 3 The process according to claim 1, where the anionic polymerization is undertaken in the presence of an initiator composition which is obtainable by mixing sec-butyllithium and styrene, and then adding TIBA.~~
5. (Currently Amended) A process for preparing thermoplastic molding compositions, said molding compositions comprising:
  - a) from 50 to 99.9% by weight of an anionically polymerized impact-modified polystyrene ~~that which is prepared as claimed in any of claims 1 to 4 according to claim 1; and~~

b) from 0.1 to 50% by weight of a rubber-free or impact-modified polystyrene polymerized by an anionic or free-radical route and having a number-average molar mass of not more than 20,000 g/mol, determined by gel permeation chromatography in tetrahydrofuran.

14 6. (New) The process according to claim 2, where triisobutylaluminum (TIBA) is used as a retarder.

15 7. (New) The process according to claim 2, where the anionic polymerization is undertaken in the presence of an initiator composition which is obtainable by mixing sec-butyllithium and styrene, and then adding TIBA.

16 8. (New) The process according to claim 3, where the anionic polymerization is undertaken in the presence of an initiator composition which is obtainable by mixing sec-butyllithium and styrene, and then adding TIBA.